

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044050.D
 Acq On : 12 Feb 2024 11:05
 Operator : MA/JU
 Sample : PB155297BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155297BL

Quant Time: Feb 12 12:07:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	480632	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1939678	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	1069939	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2066222	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1431763	20.000	ng	0.00
86) Perylene-d12	23.897	264	1447277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4253137	128.703	ng	0.00
7) Phenol-d6	7.075	99	5267790	125.286	ng	0.00
23) Nitrobenzene-d5	9.081	82	3102234	84.868	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1393764	120.313	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	6262372	82.605	ng	0.00
79) Terphenyl-d14	19.945	244	7324103	89.675	ng	0.00

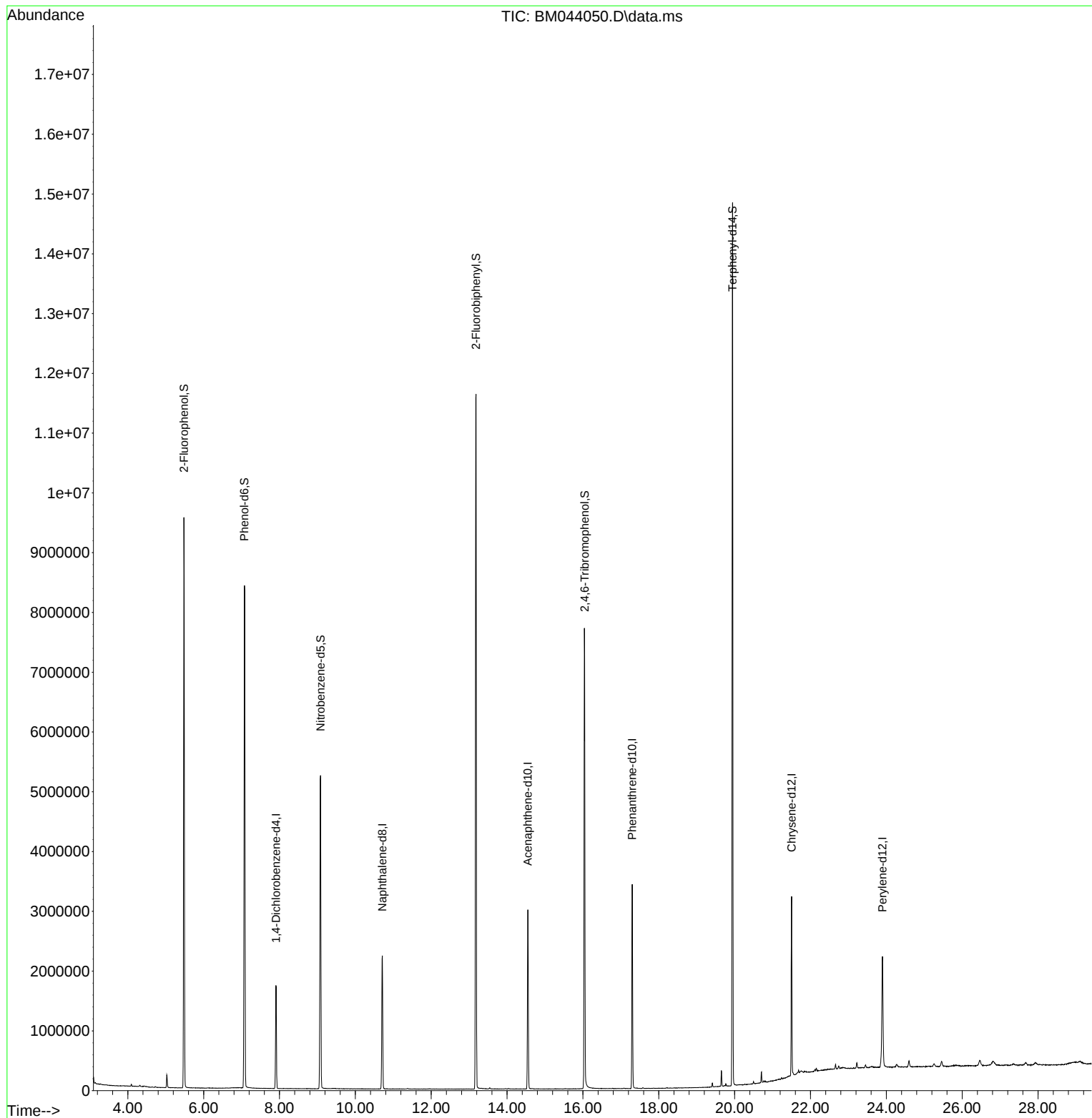
Target Compounds	Qvalue

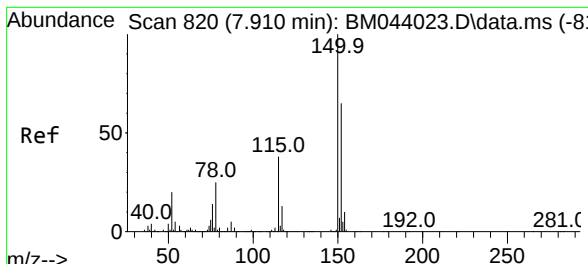
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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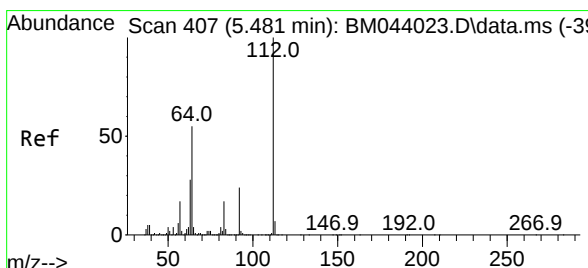
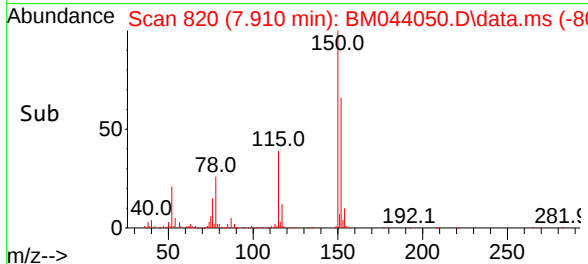
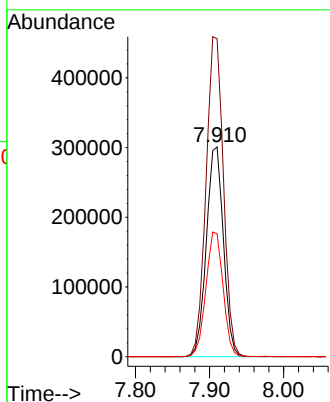
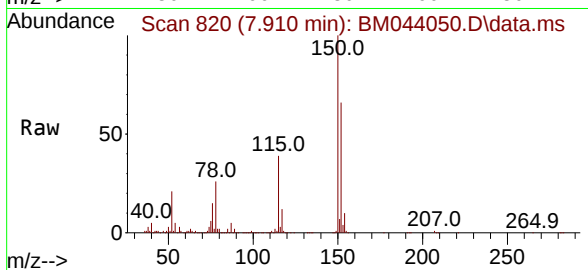




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM044050.D
 Acq: 12 Feb 2024 11:05

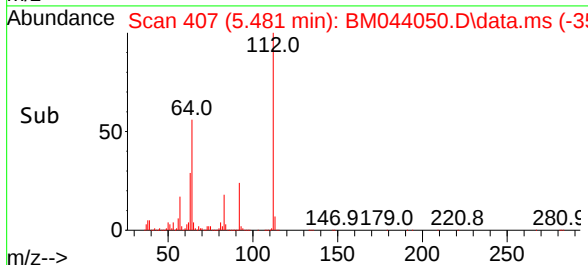
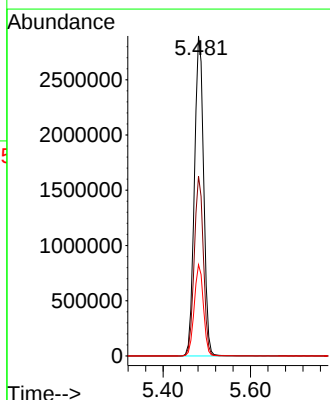
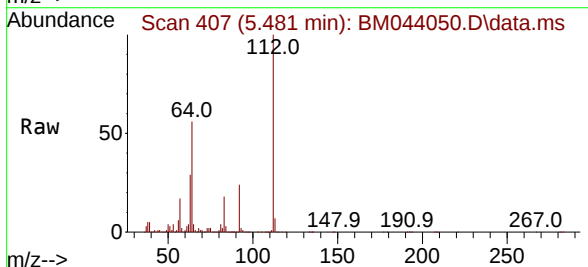
Instrument :
 BNA_M
 ClientSampleId :
 PB155297BL

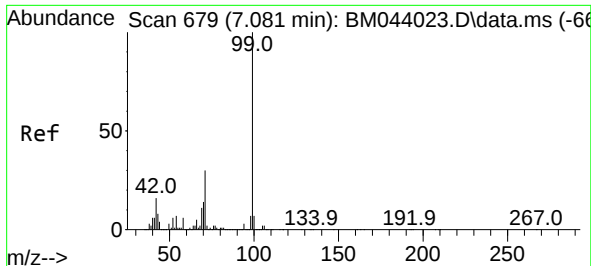
Tgt Ion:	152	Resp:	480632
Ion Ratio	Lower	Upper	
152	100		
150	151.6	122.7	184.1
115	58.6	47.0	70.6



#5
 2-Fluorophenol
 Concen: 128.703 ng
 RT: 5.481 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: BM044050.D
 Acq: 12 Feb 2024 11:05

Tgt Ion:	112	Resp:	4253137
Ion Ratio	Lower	Upper	
112	100		
64	56.2	44.2	66.4
63	28.5	22.6	34.0

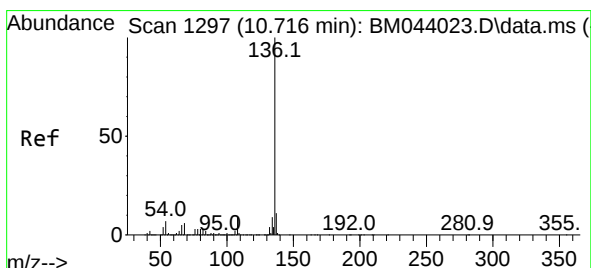
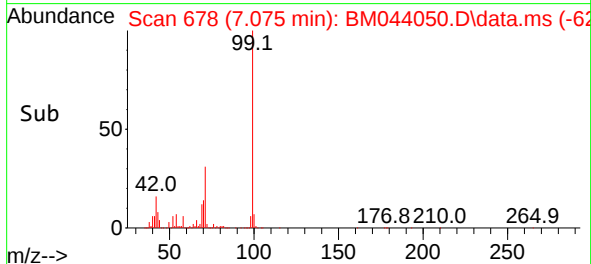
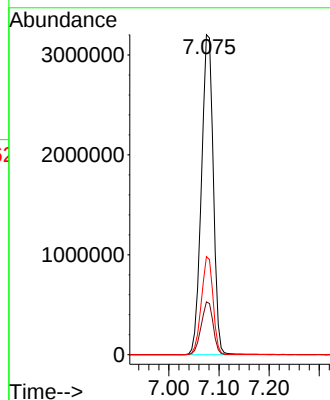
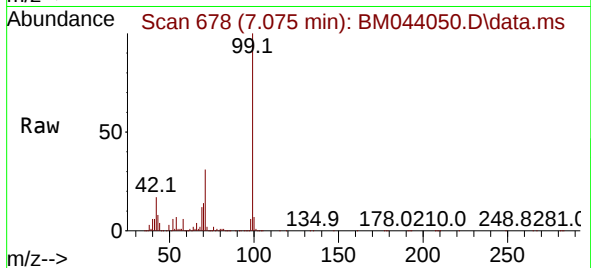




#7
Phenol-d6
Concen: 125.286 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

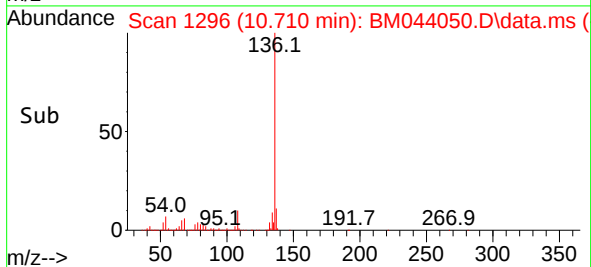
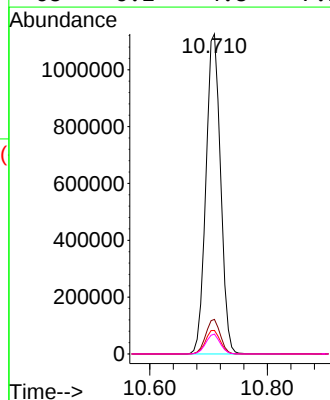
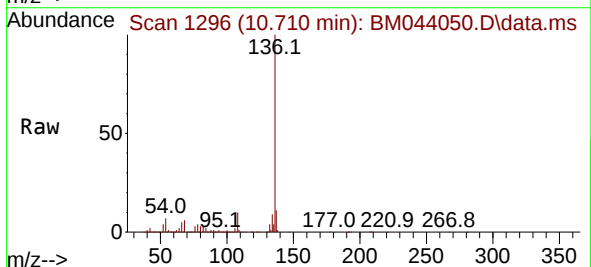
Instrument :
BNA_M
ClientSampleId :
PB155297BL

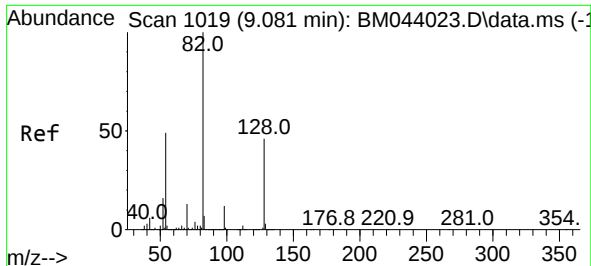
Tgt Ion: 99 Resp: 5267790
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 30.7 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion: 136 Resp: 1939678
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 5.9 8.9
68 6.2 4.8 7.2

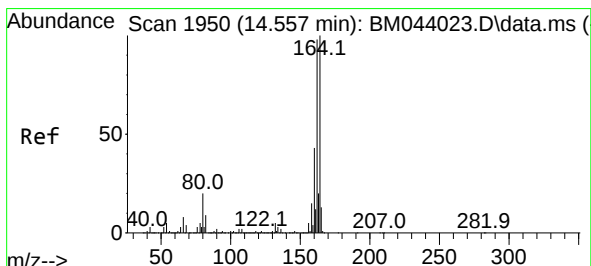
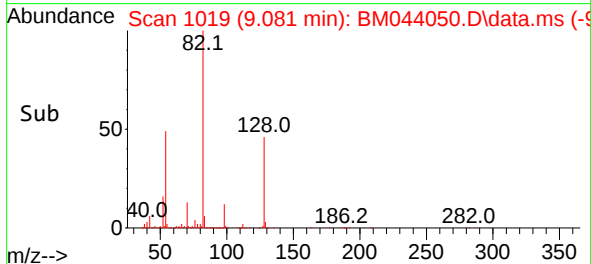
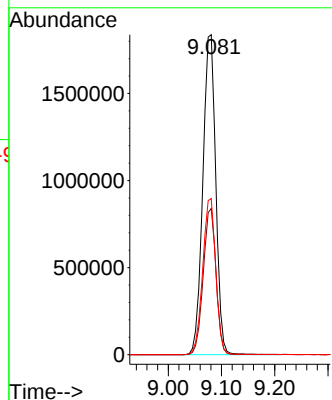
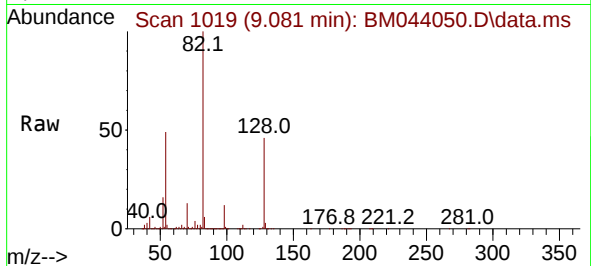




#23
Nitrobenzene-d5
Concen: 84.868 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

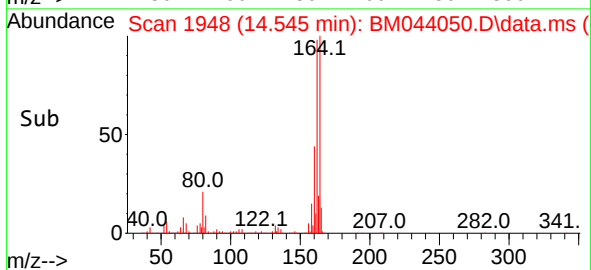
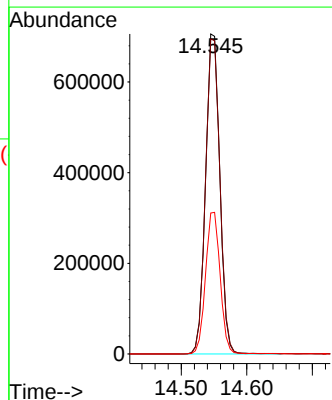
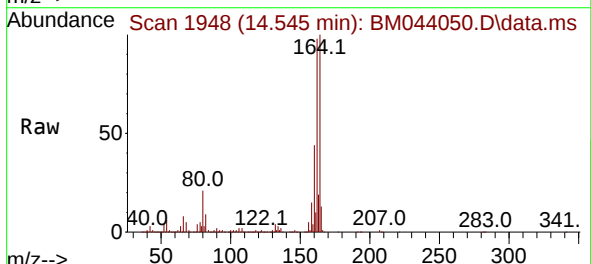
Instrument :
BNA_M
ClientSampleId :
PB155297BL

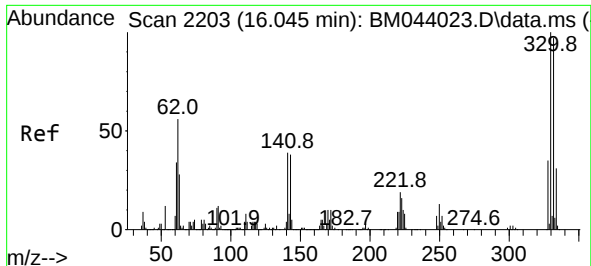
Tgt Ion: 82 Resp: 3102234
Ion Ratio Lower Upper
82 100
128 45.7 37.1 55.7
54 48.8 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:164 Resp: 1069939
Ion Ratio Lower Upper
164 100
162 98.4 78.4 117.6
160 44.1 34.6 51.8

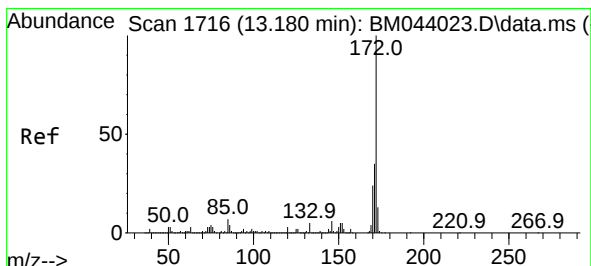
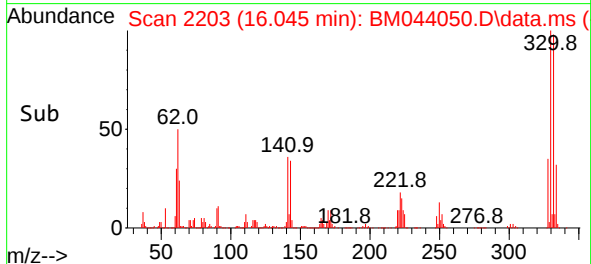
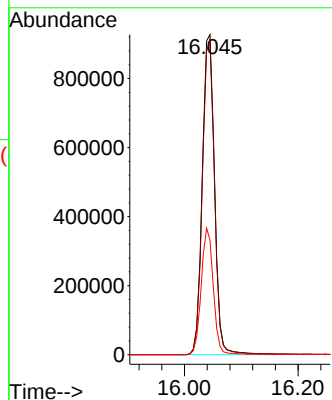
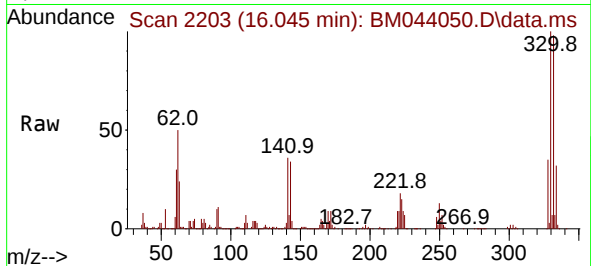




#42
2,4,6-Tribromophenol
Concen: 120.313 ng
RT: 16.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

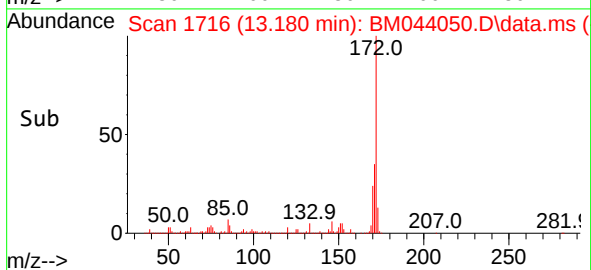
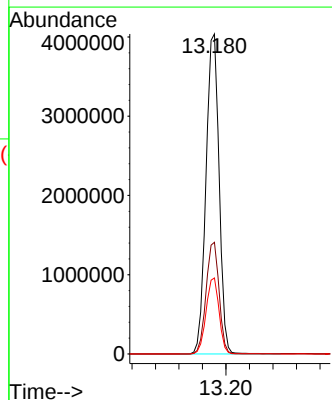
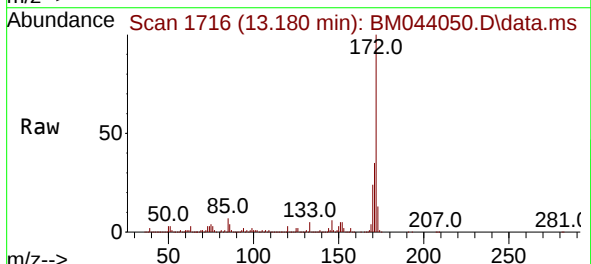
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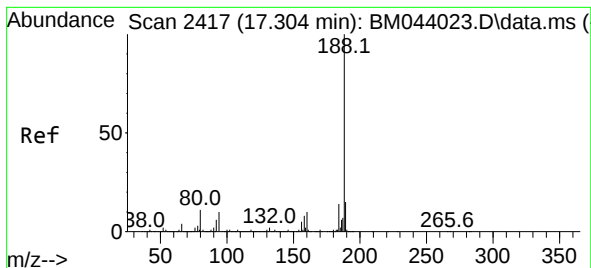
Tgt Ion:330 Resp: 1393764
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 39.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 82.605 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM044050.D
Acq: 12 Feb 2024 11:05

Tgt Ion:172 Resp: 6262372
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

Instrument :

BNA_M

ClientSampleId :

PB155297BL

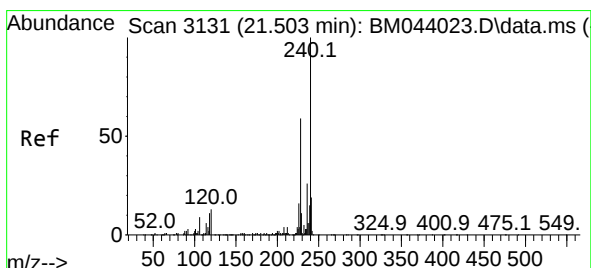
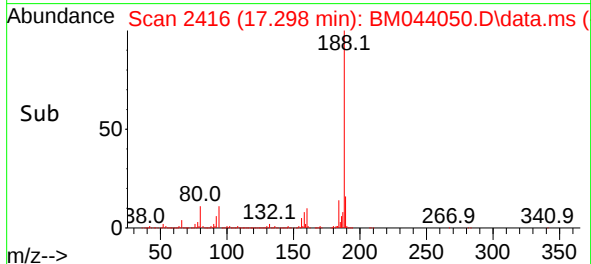
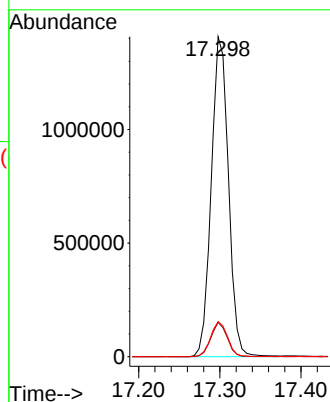
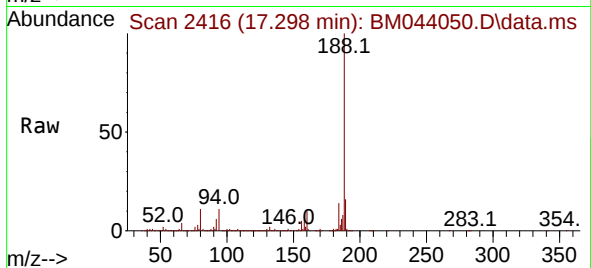
Tgt Ion:188 Resp: 2066222

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.2

80 11.0 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM044050.D

Acq: 12 Feb 2024 11:05

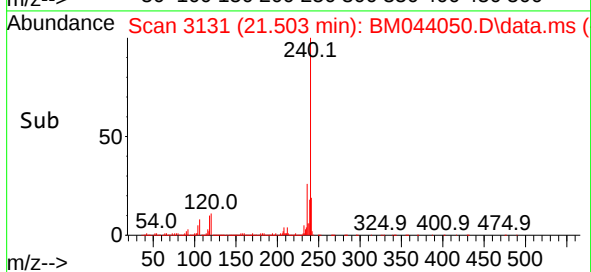
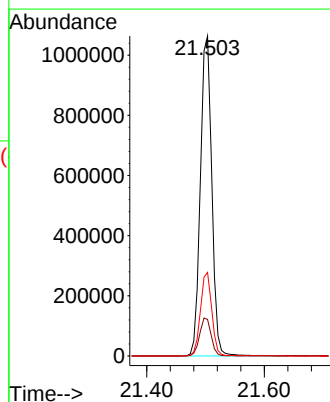
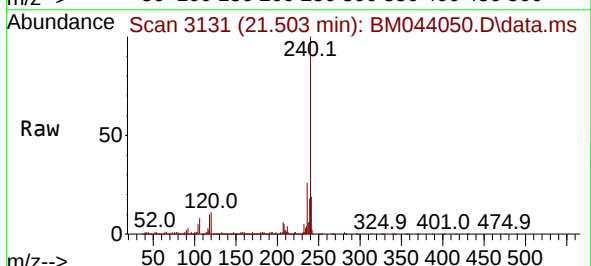
Tgt Ion:240 Resp: 1431763

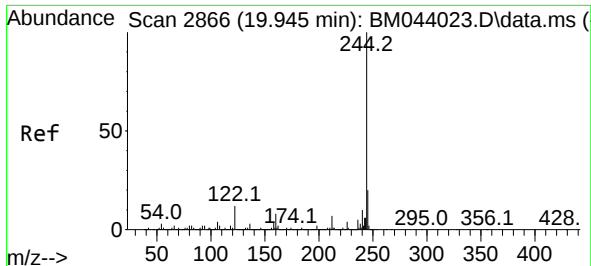
Ion Ratio Lower Upper

240 100

120 11.4 10.1 15.1

236 26.1 20.6 31.0

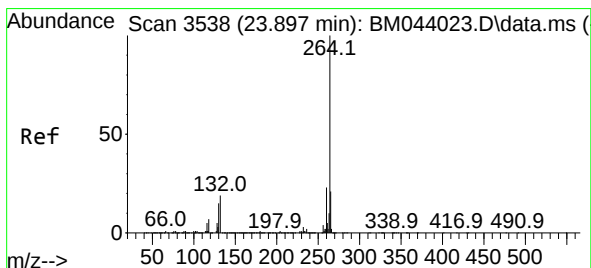
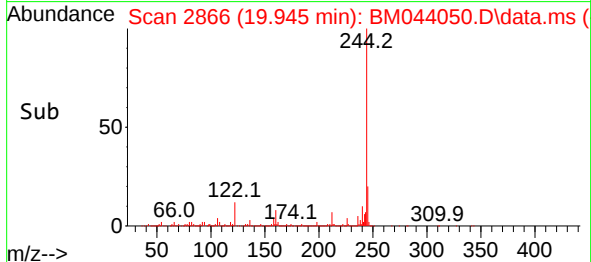
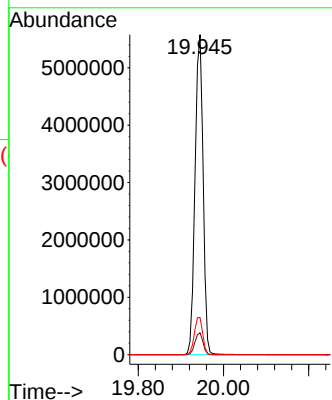
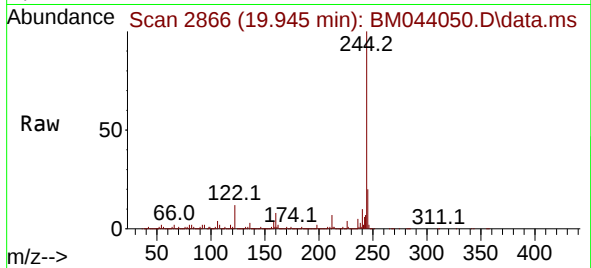




#79
 Terphenyl-d14
 Concen: 89.675 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044050.D
 Acq: 12 Feb 2024 11:05

Instrument :
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Tgt Ion:244 Resp: 7324103
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.6 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.897 min Scan# 3538
 Delta R.T. 0.000 min
 Lab File: BM044050.D
 Acq: 12 Feb 2024 11:05

Tgt Ion:264 Resp: 1447277
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 22.0 17.3 25.9

